

Product datasheet for **RC231123**

CDRT15L2 (NM_001190790) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CDRT15L2 (NM_001190790) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	CDRT15L2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC231123 representing NM_001190790 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTCTCCTGTTGCTTCCCCACTTCGAGAGGTTGCTGCTTCAGGAATGGAGGGAGTGAGAGCCTTTTCC
GACAATGCCGAAGAAGGCTCATCCCTCACCCAGACGCCGTGGCCCTTTGTAAGAAGGCGCACCCAGGT
ACCACAGGACAGCCCGGGCAGGCCCTAGCTGGCCAGGCCACACCAGAGATCCCATCGGGGCTGCCTCTG
CACATTGTCCTTGTCCAGGAGGAGATTCGGGAGCCCATGGAGGCACAGACACATGCTCCTGGTCCGTACG
CAGACATAGCAGCACTTGCAGCCAGGCTGTCGAGCCAAAGCCAGCATGGGAAGAGCCCTCCAGAGAG
AGCGCTGGAGGTGGAGGGAGCTCCAGCCAAGGACCAGCCAGCCAGGAGCTGCCTGAAATCATGGCACCT
ACTGTAGCCACTGGCCTTAATGCTGGAGCTGAAAACGTGGCTGGAGAGAGAAGTGGGAGGGAGGGGTGA
CAAGCACAGCCCCAGCCAGCAGATCCCATGCTGCCCTAGTCTGGGCATGGTGGCAAACATGGAGGCGG
AGACCAGGGCATTAGACTGGACTCCTGTACCTCGCTGGAGAGAGGCTTCTCATTGCGCCGAACCACA
GCCCTGCTGTCAGGGCCTGTTTATTGTGCTAATTCTGGTGGGTATATCTCTGTGAAGGTGATGCTCA
AGAGCATAAAACAAGGCTGGGAAGAAGAGTTCAGCAGCTCCTCCTGCTCAGACGCAATCTTCTCTCT
CCAGGCATGGAAGTGTGCTGCAACTGGGCATCCAGGCTGTTGCCCTAATGTGCTGCCCCGAACGGGC
TCT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC231123 representing NM_001190790
Red=Cloning site Green=Tags(s)

MFSCCFPTSRGCCFRNGGSESLFRQCRRRLIPHRRLWPFVRRRTQVPQDSPGQALAGQATPEIPSGPLPL
 HIVLVQEEIREPMEAQTHAPGPYADIAALAAPAVEPKPAWEEPPPERALEVEGAPAKDQPSQELPEIMAP
 TVATGLNAGAENVAGERSGREGVTSTAPASRSHAAPSPGHGGKHGGDQGIQTGLLYLAGERLLSFAGTT
 ALLLQGLFIVLILVGYISVKVMLKSIKTRLGRRVPAAPPALRRNLLLQAWKCVCNWSRFLFAPNVLPRTS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/ja1267_f02.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_001190790

ORF Size: 843 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001190790.2](#)

RefSeq ORF: 846 bp

Locus ID: 256223

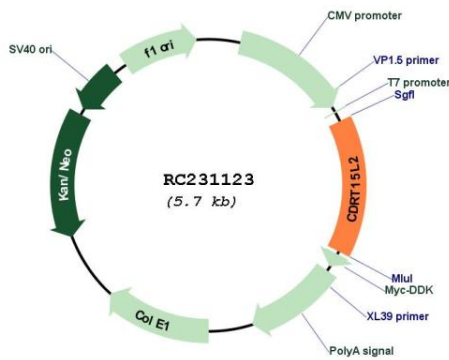
UniProt ID: [A8MXV6](#)

Cytogenetics: 17p11.2

Protein Families: Transmembrane

MW: 30.5 kDa

Product images:



Circular map for RC231123